IN THE CLAIMS:

Claims 2-4, 6-25, 27-29 and 31-50 were previously cancelled. Claims 1, 5, 26 and 30 have been amended herein. All of the pending claims are presented below. This listing of claims will replace all prior versions and listings of claims in the application. Please enter these claims as amended.

Listing of Claims:

- 1. (Currently amended) A method of forming a wire bond-style/flip chip attach
 style/flip-chip attachment assembly electrically connecting a semiconductor die having a bond
 pad pattern to a first substrate having a connector pattern arrangement when-said the
 semiconductor die is attached to second-adapter adaptor substrate having an upper surface and
 having a second surface having a connector pattern thereon, comprising:
 providing an inverted bare semiconductor die having a surface having a plurality of bond pads
 extending along a longitudinal axis of-said the semiconductor die on-said the surface in a
 first bond pad pattern different than the connector pattern arrangement of the first
 substrate:
- providing a second-adapter_adaptor_substrate having a die side surface, a second attachment surface, at least one via extending through the second-adapter_adaptor_substrate from the die side surface to the second attachment surface, a plurality of circuits, and a plurality of bond pads located on the second attachment surface having a connector pattern connected to the plurality of circuits matching the connector pattern arrangement of the first substrate and a plurality of bond pads located in a first bond pad pattern connected to the plurality of circuits matching the first bond pad pattern of the inverted bare semiconductor die;
- applying an adhesive to a portion of the die side of the second-adapter_adaptor_substrate to attach the inverted bare semiconductor die thereto;

attaching a portion of the surface having a plurality of bond pads thereon of the inverted bare semiconductor die to a portion of the die side surface of-said_the second substrate locating the bare semiconductor die above the second-adapter_adaptor_substrate having the bond pads of the semiconductor die located over the via in the second-adapter_adaptor substrate;

connecting said_the plurality of bond pads of the inverted bare semiconductor die to said_the
plurality of bond pads on the second attachment surface of said_the second adapter
adaptor substrate using a plurality of wire bonds, said_the plurality of wire bonds
extending through said_the at least one via extending from bond pads of the inverted bare
semiconductor die located on the die side surface of the second adapter_adaptor substrate
through said_the second adapter_adaptor substrate to the second attachment surface of the
second adapter_adaptor substrate, the plurality of wire bonds connected to the first bond
pad pattern of the bare inverted semiconductor die and to the matching first bond pad
pattern on the second attachment surface of the second adapter_adaptor_substrate;

filling at least a portion of the via in the substrate with a sealant; and connecting-said-the second-adapter adaptor substrate to-said-the first substrate having-said-the second substrate located solely on one side of-said-the first substrate, the connections between-said-the first substrate and-said-adapter the adaptor second substrate formed by a plurality of-adapter adaptor board connectors extending between the matching connector pattern on the second attachment surface of the second-adapter adaptor substrate to the connector arrangement of the first substrate.

2.-4. (Cancelled)

- 5. (Currently amended) A method of forming a wire bond-style/flip chip attach
 style/flip-chip attachment assembly electrically connecting a semiconductor die having a first
 bond pad pattern to a master board having a connector pattern arrangement, comprising:
 providing an inverted bare semiconductor die having a plurality of bond pads located in at least
 two rows extending down the longitudinal axis of the inverted the bare bare
 semiconductor die thereon, the at least two rows plurality of bond pads located in the at
 least two rows having a first bond pad pattern;
- providing a master board having a plurality of circuit traces on an upper surface thereof connected to a plurality of connectors in a second connector pattern arrangement located thereon different than the first bond pad pattern of the plurality of bond pads of the inverted bare semiconductor die;
- providing an adapter adaptor board having a die side surface, a second attachment surface, a via extending through the adapter adaptor board from the die side surface to the second attachment surface, a plurality of circuits, a plurality of bond pads located on the second attachment surface of the adapter adaptor board having a plurality of bond pads connected to the plurality of circuits matching the first bond pad pattern of the plurality of bond pads of the inverted bare semiconductor die, and having a connector pattern connected to the plurality of circuits matching the connector pattern arrangement of the plurality of connectors of the master board;
- providing a plurality of electrical connectors for connecting the connector pattern connected to the plurality of circuits matching the connector pattern arrangement of the plurality of connectors of the master board located on the second attachment surface of the adapter adaptor board to the plurality of connectors in a second connector pattern arrangement of the circuit traces of the master board;
- attaching a portion of said the inverted bare semiconductor die to a portion of the die side surface of the adapter adaptor board;
- connecting said the plurality of bond pads of said the inverted bare semiconductor die to said the plurality of bond pads of the adapter adaptor board using a plurality of wire bonds,

said-the plurality of wire bonds extending through the via extending through the adapter adaptor board having a portion thereof attached to the plurality of bond pads on the second attachment surface of the adapter adaptor board and having a portion thereof attached to the plurality of bond pads on the bare semiconductor die; and connecting said-adapter the adaptor board and master board using said-the plurality of electrical connectors on said adapter the adaptor board to said-the plurality of circuit traces on said the master board using the plurality of electrical connectors.

6.-25. (Cancelled)

26. (Currently amended) A method of forming a wire bond-style/flip chip attach
style/flip-chip attachment assembly attaching a semiconductor die having a first bond pad pattern
to a first substrate having a connector pattern arrangement for attaching-said_the_first substrate to
a second-adapter_adaptor_substrate having an upper surface and having a second surface having a
connector pattern thereon and having a plurality of circuit traces thereon, comprising:
providing an inverted bare semiconductor die having a surface having a plurality of bond pads
located along a longitudinal axis of-said_the inverted bare semiconductor die on-said_the
surface extending in a leads-over configuration on-said_the surface, the plurality of bond
pads having a first bond pad pattern different than the connector pattern arrangement of
the first substrate;

providing a second-adapter_adaptor_substrate having a die side surface, a second attachment surface, at least one via extending through the a board from the die side surface to the second attachment surface, a plurality of circuits, and a plurality of bond pads located on the second attachment surface of the second-adapter_adaptor_substrate having a connector pattern thereon connected to the plurality of circuits matching the connector pattern arrangement of the first substrate and a plurality of bond pads connected to the plurality of circuits in a bond pad pattern matching the first bond pad pattern of the inverted bare semiconductor die;

applying an adhesive to a portion of the die side of the second adapter adaptor substrate to attach the inverted bare semiconductor die thereto;

attaching a portion of the surface having a plurality of bond pads thereon of the bare semiconductor die to a portion of the die side surface of-said_the_second substrate; connecting_said_the_plurality of bond pads of the inverted bare semiconductor die to-said_the plurality of bond pads of-said_the_second_adapter_adaptor_substrate using a plurality of bond wires, said_the_plurality of bond wires extending through_said_the_at least one via extending through_said_the_second_adapter_adaptor_substrate, the plurality of bond wires connected to the first bond pad pattern of the plurality of bond pads of the inverted semiconductor die and to the matching first bond pad pattern of the plurality of bond pads on the second attachment surface of the second_adapter_adaptor_substrate; and attaching_said_the_first substrate to-said_the_second attachment surface of-said_the_second adapter_adaptor_board connectors extending from the second attachment surface of the second_adapter_adaptor_board connectors extending from the second attachment surface of the second_adapter_adaptor_substrate.

27.-29. (Cancelled)

- 30. (Currently amended) A method of forming a wire bond-style/flip chip attach style/flip-chip attachment assembly attaching a semiconductor die to a master board, comprising: providing an inverted bare semiconductor die having a plurality of bond pads in at least two rows having a first bond pad arrangement located down the longitudinal axis of a surface of the inverted bare semiconductor die in a leads over chip configuration;
- providing a master board having a plurality of circuit traces on an upper surface thereof connected to a plurality of connectors in a connector pattern arrangement located thereon, said-the upper surface for the receipt of an-adapter-adaptor board therein;
- providing an adapter adaptor board having a die side surface, a second attachment surface, at least one via extending through the adapter adaptor board from the die side surface to the second attachment surface, a plurality of circuits, a plurality of bond pads located on the

second attachment surface of the <u>adapter_adaptor</u> board having a plurality of bond pads connected to the plurality of circuits in a first bond pad pattern matching the first bond pad pattern of the inverted bare semiconductor die, and having a connector pattern thereon connected to the plurality of circuits matching the connector pattern arrangement of the master board;

- providing a plurality of electrical connectors for connecting the connector pattern of the plurality of circuits located on the second attachment surface of the <u>adapter_adaptor</u> board to the plurality of circuits of the master board;
- attaching a portion of <u>said</u> the inverted bare semiconductor die to a portion of the die side surface of the <u>adapter</u> adaptor board;
- connecting-said_the plurality of bond pads in a first bond pad arrangement of-said_the bare semiconductor die to-said_the plurality of bond pads in a matching first bond pad pattern of-said_adapter_the adaptor_board using a plurality of bond wires extending through the via extending through the adapter_adaptor_board from the die side surface to the second attachment surface; and
- connecting-said-adapter_the adaptor board and master board using-said_the plurality of-electrical connectors on said_the master board to said at least one circuit trace of the plurality of circuit traces on said_the master board using adapter adaptor board.

31.-50. (Cancelled)